



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090310

**Mode:** Highway

**Status:** Submitted

### NC-211

**From/Cross Street:** SR 1500 (Midway Road)

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** NC 87

**Project Category:** Regional Impact

**Length:** 6.56

**TIP#:** R-5021

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$63,525,000

#### Description:

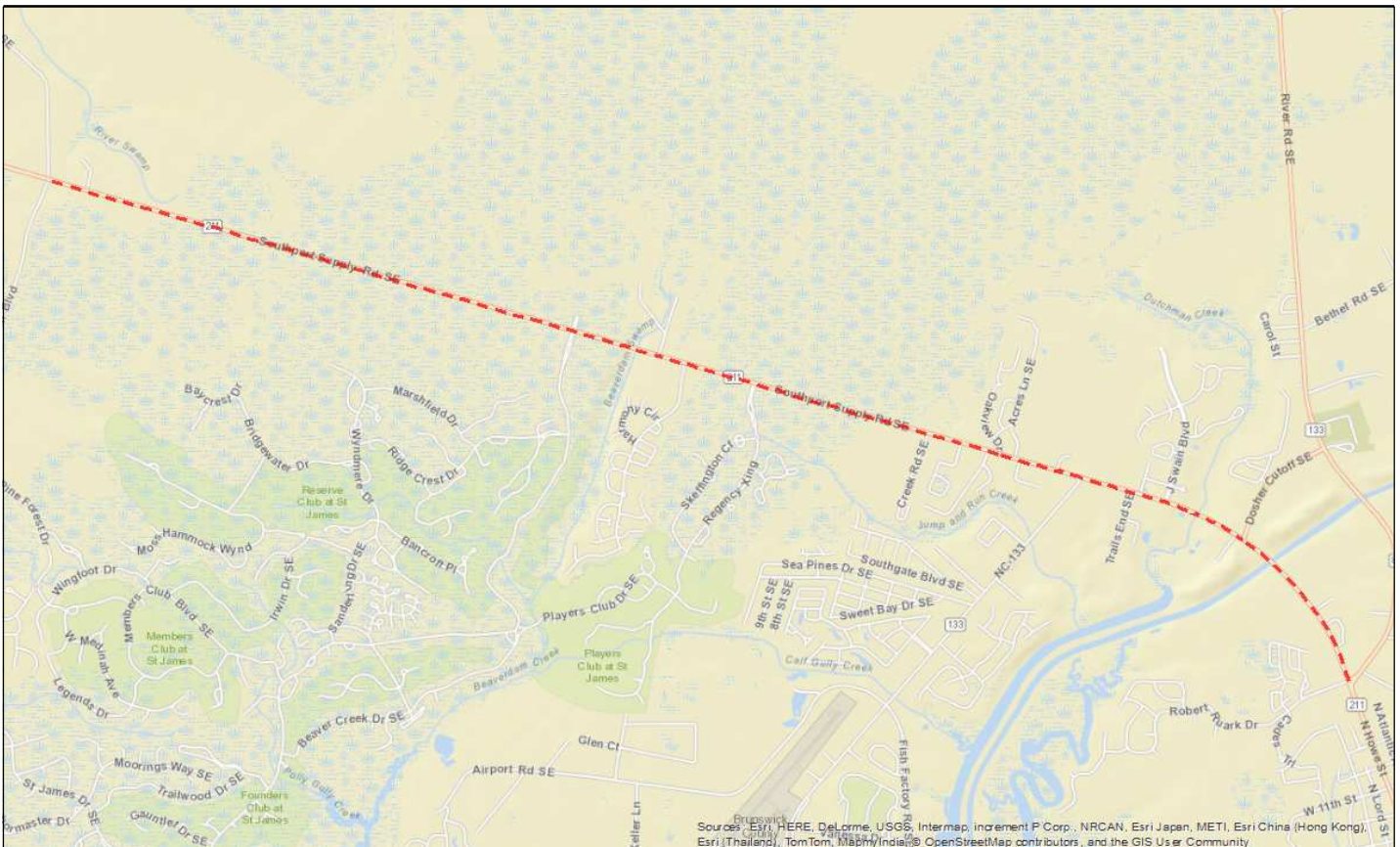
Widen to Multi-Lanes

**Division(s):** Division 3

**County(s):** BRUNSWICK

**MPOS(s)/RPO(s):** Cape Fear RPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 46.83**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (25%) 6.25 [Travel Time] Benefit/Cost (20%) 3.79 Safety (25%) 58.04	Percent: 15% Points: 100	Percent: 15% Points: 100
<b>Totals: Weight: 70% Weighted Score: 16.83</b>		

**Division Needs Total Score: 56.09**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 94.30 Safety (20%) 58.04 Multimodal + [Freight & Military] (10%) 6.25	Percent: 25% Points: 0	Percent: 25% Points: 100
<b>Totals: Weight: 50% Weighted Score: 31.09</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	51
Length (miles):	6.56
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	22218.99
Capacity:	15607.62
Volume/Capacity Ratio:	1.42
% Autos:	94%
% Trucks:	6%
Truck Volume:	1249.83
Crash Density:	79.44
Crash Severity:	50.22
Critical Crash Rate:	44.47
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	89
Actual Congested Speed:	45.87
Travel Time Index:	1.12

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	51
Length (miles):	6.56
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	10698651.93
Travel Time Savings for 30 Years (Autos):	10096845.41
Travel Time Savings for 30 Years (Trucks):	601806.52
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 3	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Cape Fear RPO	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$40,600,000	TIP Unit
Right-of-Way Cost:	\$20,075,000	TIP Unit
Utilities Cost:	\$2,850,000	TIP Unit
Total Project Cost:	\$63,525,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$63,525,000</b>	